

WEST Search History

DATE: Tuesday, April 29, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L11	phosphate adj3 isomeroreductase	0	L11
L10	(ec or "e.c.") adj "1.1.1.267"	0	L10
L9	isomeroreductase	8	L9
L8	dxp reductoisomerase	0	L8
<i>DB=PGPB; PLUR=YES; OP=ADJ</i>			
L7	(ec or "e.c.") adj "1.1.1.267"	0	L7
L6	L5	0	L6
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
L5	mep synthase	0	L5
L4	(ec or "e.c.") adj "1.1.1.267"	0	L4
L3	phosphate adj3 isomeroreductase	0	L3
L2	isomeroreductase	6	L2
L1	dxp reductoisomerase	1	L1

END OF SEARCH HISTORY

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:17:03 ON 29 APR 2003

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:17:20 ON 29 APR 2003

=> e e.c. 1.1.1.267/cn

E1	1	E.C. 1.1.1.251/CN
E2	1	E.C. 1.1.1.26/CN
E3	0 -->	E.C. 1.1.1.267/CN
E4	1	E.C. 1.1.1.27/CN
E5	1	E.C. 1.1.1.270/CN
E6	1	E.C. 1.1.1.28/CN
E7	1	E.C. 1.1.1.29/CN
E8	1	E.C. 1.1.1.3/CN
E9	1	E.C. 1.1.1.30/CN
E10	1	E.C. 1.1.1.31/CN
E11	1	E.C. 1.1.1.32/CN
E12	1	E.C. 1.1.1.33/CN

=> e dxp/cn

E1	1	DXND 1222/CN
E2	1	DXNON/CN
E3	0 -->	DXP/CN
E4	1	DXP 505-91/CN
E5	1	DXP 59D/CN
E6	1	DXPC/CN
E7	1	DXR (PASTEURELLA MULTOCIDA STRAIN IL1403 CLONE PM70 GENE DXR)/CN
E8	1	DXR 80/CN
E9	1	DXR 80, POLYMER WITH DMR 499/CN
E10	1	DXR 81/CN
E11	1	DXS (PASTEURELLA MULTOCIDA STRAIN IL1403 CLONE PM70 GENE DXS)/CN
E12	1	DXS 4810/CN

=> e

E13	1	DXS PROTEIN (BUCHNERA STRAIN APS GENE DXS)/CN
E14	1	DXTP/CN
E15	1	DXU 789/CN
E16	1	DY 005/CN
E17	1	DY 01/CN
E18	1	DY 022/CN
E19	1	DY 022-EH 551-EPIKOTE 828 COPOLYMER/CN
E20	1	DY 022-EPIKOTE 828-HN 2200 COPOLYMER/CN
E21	1	DY 023/CN
E22	1	DY 026/CN
E23	1	DY 026SP/CN
E24	1	DY 032/CN

=> s e7-10

1	"DXR (PASTEURELLA MULTOCIDA STRAIN IL1403 CLONE PM70 GENE DXR)"/CN
1	"DXR 80"/CN
1	"DXR 80, POLYMER WITH DMR 499"/CN
1	"DXR 81"/CN

L1 4 ("DXR (PASTEURELLA MULTOCIDA STRAIN IL1403 CLONE PM70 GENE DXR)"
/CN OR "DXR 80"/CN OR "DXR 80, POLYMER WITH DMR 499"/CN OR "DXR
81"/CN)

=> d 1-4

L1 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2003 ACS
RN 329830-29-7 REGISTRY
CN Dxr (Pasteurella multocida strain IL1403 clone PM70 gene dxr)
(9CI) (CA INDEX NAME)
OTHER NAMES:
CN GenBank AE006235-derived protein GI 12722428
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
1 REFERENCES IN FILE CA (1957 TO DATE)
1 REFERENCES IN FILE CAPLUS (1957 TO DATE)

L1 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2003 ACS
RN 221872-61-3 REGISTRY
CN DMR 499, polymer with DXR 80 (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN DXR 80, polymer with DMR 499 (9CI)
MF (Unspecified . Unspecified)x
CI PMS
PCT Manual registration
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 221872-59-9
CMF Unspecified
CCI MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CRN 200578-52-5
CMF Unspecified
CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
2 REFERENCES IN FILE CA (1957 TO DATE)
2 REFERENCES IN FILE CAPLUS (1957 TO DATE)

L1 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2003 ACS
RN 221872-59-9 REGISTRY
CN DXR 80 (9CI) (CA INDEX NAME)
ENTE A urethane hardener (PPG)
MF Unspecified
CI COM, MAN
SR CA

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L1 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2003 ACS

RN 77-58-7 REGISTRY
CN Stannane, dibutylbis[(1-oxododecyl)oxy]- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Dibutyltin dilaurate (6CI)
CN Lauric acid, dibutylstannylene deriv. (8CI)
CN Stannane, dibutylbis(lauroyloxy)- (8CI)
OTHER NAMES:
CN ADK Stab BT 11
CN Advastab T 12P
CN BL 42A
CN BT 11
CN BT 18
CN Butynorate
CN C 101
CN C 101 (stabilizer)
CN CAT 11
CN CAT 11 (catalyst)
CN Cata-Chek 820
CN Cotin 200
CN Dabco T 12
CN Davainex
CN DBTDL
CN DBTL
CN Di-n-butyltin dilaurate
CN Dibutylbis(1-oxododecyloxy)stannane
CN Dibutylbis(laurato)tin
CN Dibutylbis(lauroyloxy)tin
CN Dibutylstannylene dilaurate
CN Dibutyltin didodecanoate
CN Dibutyltin n-dodecanoate
CN **DXR 81**
CN Fascat 4202
CN Fomrez SUL 4
CN Kosmos 19
CN KS 20
CN Lankromark LT 173
CN Mark 1038
CN Mark BT 11
CN Mark BT 18
CN Meister ZL 4401
CN Metacure T 12
CN Neostann U 100
CN Nitto 8501
CN Ongrostab BLTM
CN SCAT 1
CN SM 2014C
CN Stabilizer D 22
CN Stanclere DBTL
CN Stanclere TL
CN Stann BL
CN Stann SB 430A
CN Stavivor 1200SN
CN T 12
CN Tegokat 218
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

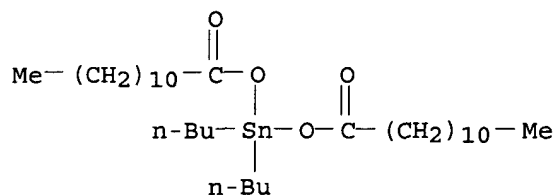
DR 7428-79-7, 8028-83-9, 358-50-9, 125199-87-3, 70620-28-9

MF C32 H64 O4 Sn

CI COM

LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS,
BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMINFORMRX,
CHEMLIST, CIN, CSCHM, CSNB, DDFU, DRUGU, EMBASE, GMELIN*, HSDB*,
IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PIRA, PROMT,
RTECS*, SPECINFO, TOXCENTER, ULIDAT, USPAT2, USPATFULL, VETU
(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3291 REFERENCES IN FILE CA (1957 TO DATE)
 38 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 3297 REFERENCES IN FILE CAPLUS (1957 TO DATE)
 30 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

```
=> e 1 deoxy d xylulose 5 phosphate reductoisomerase/cn
E1      1      1 CR-0.5 MO-0.25 V STEEL/CN
E2      1      1 CR-MO STEEL/CN
E3      0 --> 1 DEOXY D XYLULOSE 5 PHOSPHATE REDUCTOISOMERASE/CN
E4      1      1 PN: WO0118542 TABLE: 2A-1 CLAIMED DNA/CN
E5      1      1 PN: WO0118542 TABLE: 3A-1 CLAIMED DNA/CN
E6      1      1 PN: WO0118542 TABLE: 4-1 CLAIMED DNA/CN
E7      1      1 QUINT/CN
E8      1      1 STROKE ENVIRON/CN
E9      1      1 STROKE VES-PHENE/CN
E10     1      1 1&6G,1,1-KESTOHEXAPOSE/CN
E11     1      1 1&6G-KESTOTETRAPOSE/CN
E12     1      1 1''''''H,3'H,3''H,3''''H,3''''''H-PENTACYCLOPROPA(1',9'
      :16',17':21',40':30',31':44',45')(5,6)FULLERENO-C60-IH-(52',
      60'-B)AZIRINE/CN
```

```
=> file ca
COST IN U.S. DOLLARS                               SINCE FILE      TOTAL
                                                    ENTRY      SESSION
FULL ESTIMATED COST                               27.60      27.81
```

FILE 'CA' ENTERED AT 13:23:08 ON 29 APR 2003

```
=> e takahashi s/au
E1      61      TAKAHASHI RYUTARO/AU
E2      1      TAKAHASHI RYUTAROU/AU
E3      804 --> TAKAHASHI S/AU
E4      9      TAKAHASHI S I/AU
E5      3      TAKAHASHI S Y/AU
E6      231     TAKAHASHI SABURO/AU
E7      2      TAKAHASHI SABUROH/AU
E8      2      TAKAHASHI SABUROU/AU
E9      1      TAKAHASHI SACHIE/AU
E10     1      TAKAHASHI SACHIHIRO/AU
E11     13     TAKAHASHI SACHIKO/AU
E12     67     TAKAHASHI SACHIO/AU
```

```
=> s takahashi s/au and py=1998 and reductoisomerase/ti
      804 TAKAHASHI S/AU
      823470 PY=1998
      64 REDUCTOISOMERASE/TI
L2      0 TAKAHASHI S/AU AND PY=1998 AND REDUCTOISOMERASE/TI
```

```

=> s takahashi s/au and py=1998
      804 TAKAHASHI S/AU
      823470 PY=1998
L3      43 TAKAHASHI S/AU AND PY=1998

=> s l3 and terpenoid/ti
      1137 TERPENOID/TI
      2020 TERPENOID/TI
      3146 TERPENOID/TI
      ((TERPENOID OR TERPENOID)/TI)
L4      0 L3 AND TERPENOID/TI

=> s l3 and nonmevalonate
      61 NONMEVALONATE
L5      0 L3 AND NONMEVALONATE

=> s 1998=py and nonmevalonate
      823470 1998=PY
      61 NONMEVALONATE
L6      8 1998=PY AND NONMEVALONATE

=> d ti 1-8

L6 ANSWER 1 OF 8 CA COPYRIGHT 2003 ACS
TI Studies on the biosynthesis of terpenoids produced by actinomycetes. Part
4. Formation of BE-40644 by the mevalonate and nonmevalonate
pathways

L6 ANSWER 2 OF 8 CA COPYRIGHT 2003 ACS
TI Probing the non-mevalonate pathway to phytol in the cyanobacterium
Synechocystis sp. UTEX 2470 using deuterium-labeled glucose

L6 ANSWER 3 OF 8 CA COPYRIGHT 2003 ACS
TI Fosmidomycin, a specific inhibitor of 1-deoxy-D-xylulose 5-phosphate
reductoisomerase in the nonmevalonate pathway for terpenoid
biosynthesis

L6 ANSWER 4 OF 8 CA COPYRIGHT 2003 ACS
TI Biosynthesis of the monoterpene moiety of teleocidins via the
non-mevalonate pathway in Streptomyces

L6 ANSWER 5 OF 8 CA COPYRIGHT 2003 ACS
TI The deoxyxylulose phosphate pathway of terpenoid biosynthesis in plants
and microorganisms

L6 ANSWER 6 OF 8 CA COPYRIGHT 2003 ACS
TI A 1-deoxy-D-xylulose 5-phosphate reductoisomerase catalyzing the formation
of 2-C-methyl-D-erythritol 4-phosphate in an alternative
nonmevalonate pathway for terpenoid biosynthesis

L6 ANSWER 7 OF 8 CA COPYRIGHT 2003 ACS
TI Biosynthesis of phytol in the cyanobacterium Synechocystis sp. UTEX 2470:
Utilization of the non-mevalonate pathway

L6 ANSWER 8 OF 8 CA COPYRIGHT 2003 ACS
TI Novel biosynthetic pathway of isoprenoids

=> d 6 ind

L6 ANSWER 6 OF 8 CA COPYRIGHT 2003 ACS
CC 10-1 (Microbial, Algal, and Fungal Biochemistry)
ST Escherichia deoxyxylulose phosphate reductoisomerase gene sequence
IT DNA sequences
Escherichia coli

```

Protein sequences
 (1-deoxy-D-xylulose 5-phosphate reductoisomerase catalyzing formation of 2-C-methyl-D-erythritol 4-phosphate in alternative **nonmevalonate** pathway for terpenoid biosynthesis)

IT Terpenes, preparation
 RL: BPN (Biosynthetic preparation); BIOL (Biological study); PREP (Preparation)
 (1-deoxy-D-xylulose 5-phosphate reductoisomerase catalyzing formation of 2-C-methyl-D-erythritol 4-phosphate in alternative **nonmevalonate** pathway for terpenoid biosynthesis)

IT Gene, microbial
 RL: PRP (Properties)
 (yaem; 1-deoxy-D-xylulose 5-phosphate reductoisomerase catalyzing formation of 2-C-methyl-D-erythritol 4-phosphate in alternative **nonmevalonate** pathway for terpenoid biosynthesis)

IT 210756-42-6, 1-Deoxy-D-xylulose 5-phosphate reductoisomerase
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (1-deoxy-D-xylulose 5-phosphate reductoisomerase catalyzing formation of 2-C-methyl-D-erythritol 4-phosphate in alternative **nonmevalonate** pathway for terpenoid biosynthesis)

IT 206440-72-4
 RL: BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL (Biological study); FORM (Formation, nonpreparative)
 (1-deoxy-D-xylulose 5-phosphate reductoisomerase catalyzing formation of 2-C-methyl-D-erythritol 4-phosphate in alternative **nonmevalonate** pathway for terpenoid biosynthesis)

IT 197982-57-3
 RL: PRP (Properties)
 (amino acid sequence; 1-deoxy-D-xylulose 5-phosphate reductoisomerase catalyzing formation of 2-C-methyl-D-erythritol 4-phosphate in alternative **nonmevalonate** pathway for terpenoid biosynthesis)

IT 213173-02-5, GenBank AB013300
 RL: PRP (Properties)
 (nucleotide sequence; 1-deoxy-D-xylulose 5-phosphate reductoisomerase catalyzing formation of 2-C-methyl-D-erythritol 4-phosphate in alternative **nonmevalonate** pathway for terpenoid biosynthesis)

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	20.73	48.54

FILE 'REGISTRY' ENTERED AT 13:26:44 ON 29 APR 2003
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STRUCTURE FILE UPDATES: 27 APR 2003 HIGHEST RN 506405-59-0
 DICTIONARY FILE UPDATES: 27 APR 2003 HIGHEST RN 506405-59-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNnote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> S 206440-72-4/RN

L7 1 206440-72-4/RN

=> SET NOTICE 1 DISPLAY

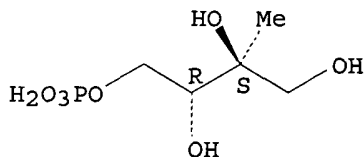
NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=> D L7 SQIDE 1-

YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y
THE ESTIMATED COST FOR THIS REQUEST IS 5.63 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN 206440-72-4 REGISTRY
CN 1,2,3,4-Butanetetrol, 2-methyl-, 4-(dihydrogen phosphate), (2S,3R) - (9CI)
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,2,3,4-Butanetetrol, 2-methyl-, 4-(dihydrogen phosphate), [R-(R*,S*)]-
OTHER NAMES:
CN 2-C-Methyl-D-erythritol 4-phosphate
FS STEREOSEARCH
MF C5 H13 O7 P
CI COM
SR CA
LC STN Files: BIOSIS, CA, CAPLUS, CASREACT, CSCHEM, TOXCENTER, USPATFULL

Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

48 REFERENCES IN FILE CA (1957 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
48 REFERENCES IN FILE CAPLUS (1957 TO DATE)

=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=>

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.08	50.62

FILE 'REGISTRY' ENTERED AT 13:27:29 ON 29 APR 2003
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STRUCTURE FILE UPDATES: 27 APR 2003 HIGHEST RN 506405-59-0
DICTIONARY FILE UPDATES: 27 APR 2003 HIGHEST RN 506405-59-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> S 210756-42-6/RN

L8 1 210756-42-6/RN

=> SET NOTICE 1 DISPLAY

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=> D L8 SQIDE 1-

YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y
THE ESTIMATED COST FOR THIS REQUEST IS 5.63 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN 210756-42-6 REGISTRY
CN Isomerase, 1-deoxy-D-xylulose 5-phosphate reducto- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 1-Deoxy-D-xylulose 5-phosphate isomeroreductase
CN 1-Deoxy-D-xylulose 5-phosphate reductoisomerase
CN 2-C-Methyl-D-erythritol 4-phosphate synthase
CN Deoxyxylulose 5-phosphate reductoisomerase
MF Unspecified
CI MAN
SR CA
LC STN Files: BIOSIS, CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
75 REFERENCES IN FILE CA (1957 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
75 REFERENCES IN FILE CAPLUS (1957 TO DATE)

=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=>

=> set expand cont
SET COMMAND COMPLETED

=> sel l8 name

E13 THROUGH E16 ASSIGNED

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
2.77	53.39

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 13:28:32 ON 29 APR 2003

66 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s e13-16 or ec 1.1.1.267 or e.c. 1.1.1.267

1	FILE ADISINSIGHT
5	FILE AGRICOLA
1	FILE AQUASCI
6	FILES SEARCHED...
42	FILE BIOSIS
14	FILE BIOTECHABS
10	FILES SEARCHED...
14	FILE BIOTECHDS
22	FILE BIOTECHNO
12	FILES SEARCHED...
10	FILE CABA
72	FILE CAPLUS
15	FILES SEARCHED...
1	FILE CEABA-VTB
1	FILE CIN
2	FILE CROPU
22	FILES SEARCHED...
108	FILE DGENE
24	FILES SEARCHED...
22	FILE EMBASE
32	FILES SEARCHED...
27	FILE ESBIODBASE
33	FILES SEARCHED...
2	FILE FSTA
240	FILE GENBANK
39	FILES SEARCHED...
11	FILE IFIPAT
41	FILES SEARCHED...
1	FILE JICST-EPLUS
13	FILE LIFESCI
35	FILE MEDLINE
48	FILES SEARCHED...
5	FILE PASCAL
51	FILES SEARCHED...
3	FILE PROMT
80	FILE SCISEARCH
58	FILES SEARCHED...
6	FILE TOXCENTER
60	FILES SEARCHED...
22	FILE USPATFULL
61	FILES SEARCHED...
1	FILE USPAT2
62	FILES SEARCHED...
9	FILE WPIDS
65	FILES SEARCHED...
9	FILE WPINDEX

29 FILES HAVE ONE OR MORE ANSWERS, 66 FILES SEARCHED IN STNINDEX

L9 QUE ("DEOXYXYLULOSE 5-PHOSPHATE REDUCTOISOMERASE"/BI OR "1-DEOXY-D-XYLULOSE 5-PHOSPHATE ISOMEROREDUCTASE"/BI OR "1-DEOXY-D-XYLULOSE 5-PHOSPHATE REDUCTOISOMERASE"/BI OR "2-C-METHYL-D-ERYTHRITOL 4-PHOSPHATE SYNTHASE"/BI) OR EC 1.1.1.267 OR E.C. 1.1.1.267

=> s l9 and (inhib? or activat? or modulat?)

```
1 FILE ADISINSIGHT
2 FILE AGRICOLA
1 FILE AQUASCI
6 FILES SEARCHED...
18 FILE BIOSIS
9 FILES SEARCHED...
7 FILE BIOTECHABS
7 FILE BIOTECHDS
8 FILE BIOTECHNO
12 FILES SEARCHED...
5 FILE CABA
14 FILES SEARCHED...
37 FILE CAPLUS
1 FILE CIN
19 FILES SEARCHED...
2 FILE CROPU
73 FILE DGENE
24 FILES SEARCHED...
31 FILES SEARCHED...
8 FILE EMBASE
10 FILE ESBIODBASE
33 FILES SEARCHED...
29 FILE GENBANK
39 FILES SEARCHED...
5 FILE IFIPAT
41 FILES SEARCHED...
6 FILE LIFESCI
16 FILE MEDLINE
46 FILES SEARCHED...
2 FILE PASCAL
51 FILES SEARCHED...
26 FILE SCISEARCH
58 FILES SEARCHED...
3 FILE TOXCENTER
60 FILES SEARCHED...
22 FILE USPATFULL
61 FILES SEARCHED...
1 FILE USPAT2
62 FILES SEARCHED...
5 FILE WPIDS
65 FILES SEARCHED...
5 FILE WPINDEX
```

25 FILES HAVE ONE OR MORE ANSWERS, 66 FILES SEARCHED IN STNINDEX

L10 QUE L9 AND (INHIB? OR ACTIVAT? OR MODULAT?)

=> s l10 and py<2001

```
0* FILE ADISINSIGHT
1 FILE AGRICOLA
```

<-----User Break----->

=> s l10 and haemophilus

```
5 FILES SEARCHED...
9 FILES SEARCHED...
12 FILES SEARCHED...
```

```

14 FILES SEARCHED...
    1 FILE CAPLUS
20 FILES SEARCHED...
24 FILES SEARCHED...
32 FILES SEARCHED...
33 FILES SEARCHED...
    5 FILE GENBANK
39 FILES SEARCHED...
41 FILES SEARCHED...
44 FILES SEARCHED...
50 FILES SEARCHED...
51 FILES SEARCHED...
58 FILES SEARCHED...
60 FILES SEARCHED...
    6 FILE USPATFULL
61 FILES SEARCHED...
    1 FILE USPAT2
62 FILES SEARCHED...
65 FILES SEARCHED...

```

4 FILES HAVE ONE OR MORE ANSWERS, 66 FILES SEARCHED IN STNINDEX

L11 QUE L10 AND HAEMOPHILUS

=> file hits

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	34.10	87.49

FILE 'USPATFULL' ENTERED AT 14:05:54 ON 29 APR 2003
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'GENBANK' ENTERED AT 14:05:54 ON 29 APR 2003

FILE 'CAPLUS' ENTERED AT 14:05:54 ON 29 APR 2003
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FILE 'USPAT2' ENTERED AT 14:05:54 ON 29 APR 2003
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=> s l11 and py<2001

```

1 FILES SEARCHED...
3 FILES SEARCHED...

```

L12 2 L11 AND PY<2001

=> dup rem l12

DUPLICATE IS NOT AVAILABLE IN 'GENBANK'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L12

L13 2 DUP REM L12 (0 DUPLICATES REMOVED)
ANSWERS '1-2' FROM FILE GENBANK

=> d bib abs 1-2

'BIB' IS NOT A VALID FORMAT FOR FILE 'GENBANK'
'ABS' IS NOT A VALID FORMAT FOR FILE 'GENBANK'

The following are valid formats:

ALL ---- All available fields
SQIDE -- Sequence identifying fields
HIT ---- All fields containing hit terms
KWIC --- All hit terms plus 20 words on either side
OCC ---- List of display fields containing hit terms

Hit terms will be highlighted in all displayable fields.
To display a particular field or fields, enter the display field codes. For a list of display field codes, enter 'HELP DFIELDS' at an arrow prompt (=>). Examples of formats include: 'ALL'; 'TI SEQ'.

You may specify the format fields in any order, and the information will be displayed in the same order as the format specification.
ENTER DISPLAY FORMAT (ALL):all

L13 ANSWER 1 OF 2 GENBANK.RTM. COPYRIGHT 2003

LOCUS (LOC): NMA1Z2491 GenBank (R)
GenBank ACC. NO. (GBN): AL162752 AL157959
GenBank VERSION (VER): AL162752.2 GI:7378778
CAS REGISTRY NO. (RN): 260862-08-6
SEQUENCE LENGTH (SQL): 340806
MOLECULE TYPE (CI): DNA; linear
DIVISION CODE (CI): Bacteria
DATE (DATE): 2 Sep 2002
DEFINITION (DEF): Neisseria meningitidis serogroup A strain Z2491
complete genome; segment 1/7.
SOURCE: Neisseria meningitidis Z2491.
ORGANISM (ORGN): Neisseria meningitidis Z2491
Bacteria; Proteobacteria; Betaproteobacteria;
Neisseriales; Neisseriaceae; Neisseria
NUCLEIC ACID COUNT (NA): 83493 a 89960 c 84419 g 82934 t
COMMENT:
Notes:
Details of N. meningitidis sequencing at the Sanger Centre are
available on the World Wide Web.
(URL, http://www.sanger.ac.uk/Projects/N_meningitidis/).
REFERENCE: 1 (bases 1 to 340806)
AUTHOR (AU): Parkhill,J.; Achtman,M.; James,K.D.; Bentley,S.D.;
Churcher,C.; Klee,S.R.; Morelli,G.; Basham,D.;
Brown,D.; Chillingworth,T.; Davies,R.M.; Davis,P.;
Devlin,K.; Feltwell,T.; Hamlin,N.; Holroyd,S.;
Jagels,K.; Leather,S.; Moule,S.; Mungall,K.;
Quail,M.A.; Rajandream,M.A.; Rutherford,K.M.;
Simmonds,M.; Skelton,J.; Whitehead,S.; Spratt,B.G.;
Barrell,B.G.
TITLE (TI): Complete DNA sequence of a serogroup A strain of
Neisseria meningitidis Z2491
JOURNAL (SO): Nature, 404 (6777), 502-506 (2000)
OTHER SOURCE (OS): CA 132:261300
REFERENCE: 2 (bases 1 to 340806)
AUTHOR (AU): Parkhill,J.
TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (30-MAR-2000) Submitted on behalf of the
Neisseria sequencing team, Sanger Centre, Wellcome
Trust Genome Campus, Hinxton, Cambridge CB10 1SA
E-mail: parkhill@sanger.ac.uk

L13 ANSWER 2 OF 2 GENBANK.RTM. COPYRIGHT 2003

LOCUS (LOC): CJ11168X5 GenBank (R)
GenBank ACC. NO. (GBN): AL139078 AL111168
nBank VERSION (VER): AL139078.2 GI:6968723
CAS REGISTRY NO. (RN): 256186-03-5
SEQUENCE LENGTH (SQL): 263335
MOLECULE TYPE (CI): DNA; linear
DIVISION CODE (CI): Bacteria
DATE (DATE): 9 Jul 2002
DEFINITION (DEF): Campylobacter jejuni subsp. jejuni NCTC 11168 complete
genome; segment 5/6.

SOURCE: Campylobacter jejuni subsp. jejuni NCTC 11168.
 ORGANISM (ORGN): Campylobacter jejuni subsp. jejuni NCTC 11168
 Bacteria; Proteobacteria; epsilon subdivision;
 Campylobacter group; Campylobacter
 NUCLEIC ACID COUNT (NA): 91877 a 43965 c 35199 g 92294 t
 COMMENT:

Notes:
 Details of C. jejuni sequencing at the Sanger Centre are available
 on the World Wide Web.
 (URL, http://www.sanger.ac.uk/Projects/C_jejuni/).

REFERENCE: 1
 AUTHOR (AU): Parkhill,J.; Wren,B.W.; Mungall,K.; Ketley,J.M.;
 Churcher,C.; Basham,D.; Chillingworth,T.; Davies,R.M.;
 Feltwell,T.; Holroyd,S.; Jagels,K.; Karlyshev,A.;
 Moule,S.; Pallen,M.J.; Penn,C.W.; Quail,M.;
 Rajandream,M.A.; Rutherford,K.M.; VanVliet,A.;
 Whitehead,S.; Barrell,B.G.
 TITLE (TI): The genome sequence of the food-borne pathogen
 Campylobacter jejuni reveals hypervariable sequences
 JOURNAL (SO): Nature, 403 (6770), 665-668 (2000)
 OTHER SOURCE (OS): CA 132:147491
 REFERENCE: 2 (bases 1 to 263335)
 AUTHOR (AU): Parkhill,J.
 TITLE (TI): Direct Submission
 JOURNAL (SO): Submitted (09-FEB-2000) Submitted on behalf of the
 Campylobacter sequencing team, Sanger Centre, Wellcome
 Trust Genome Campus, Hinxton, Cambridge CB10 1SA
 E-mail: parkhill@sanger.ac.uk

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
151.48	238.97

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS,
 BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT,
 CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE,
 DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 14:11:37 ON 29 APR 2003

ILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
 search error messages that display as 0* with SET DETAIL OFF.

=> s 19 and haemophilus

7 FILES SEARCHED...

1 FILE BIOSIS

1 FILE BIOTECHNO

12 FILES SEARCHED...

14 FILES SEARCHED...

3 FILE CAPLUS

19 FILES SEARCHED...

24 FILES SEARCHED...

1 FILE EMBASE

32 FILES SEARCHED...

1 FILE ESBIODASE

33 FILES SEARCHED...

5 FILE GENBANK

39 FILES SEARCHED...

1 FILE LIFESCI

44 FILES SEARCHED...

1 FILE MEDLINE

51 FILES SEARCHED...
1 FILE SCISEARCH
58 FILES SEARCHED...
60 FILES SEARCHED...
6 FILE USPATFULL
61 FILES SEARCHED...
1 FILE USPAT2
62 FILES SEARCHED...
65 FILES SEARCHED...

11 FILES HAVE ONE OR MORE ANSWERS, 66 FILES SEARCHED IN STNINDEX

L14 QUE L9 AND HAEMOPHILUS

=> file hits

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	10.45	249.42

FILE 'USPATFULL' ENTERED AT 14:22:57 ON 29 APR 2003
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FILE 'GENBANK' ENTERED AT 14:22:57 ON 29 APR 2003

FILE 'CAPLUS' ENTERED AT 14:22:57 ON 29 APR 2003
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FILE 'MEDLINE' ENTERED AT 14:22:57 ON 29 APR 2003

FILE 'SCISEARCH' ENTERED AT 14:22:57 ON 29 APR 2003
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FILE 'USPAT2' ENTERED AT 14:22:57 ON 29 APR 2003
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=> s l14

1 FILES SEARCHED...
3 FILES SEARCHED...
5 FILES SEARCHED...
7 FILES SEARCHED...
10 FILES SEARCHED...

L15 22 L14

=> dup rem l15

DUPLICATE IS NOT AVAILABLE IN 'GENBANK'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L15

L16 15 DUP REM L15 (7 DUPLICATES REMOVED)
ANSWERS '1-6' FROM FILE USPATFULL
ANSWERS '7-11' FROM FILE GENBANK
ANSWERS '12-14' FROM FILE CAPLUS
ANSWER '15' FROM FILE USPAT2

=> s l16 and py<2001
4 FILES SEARCHED...
7 FILES SEARCHED...
10 FILES SEARCHED...
L17 4 L16 AND PY<2001

=> d rank
F1 6 USPATFULL
F2 5 GENBANK
F3 3 CAPLUS
F4 1 BIOSIS
F5 1 BIOTECHNO
F6 1 EMBASE
F7 1 ESBIODBASE
F8 1 LIFESCI
F9 1 MEDLINE
F10 1 SCISEARCH
F11 1 USPAT2

=> d l17 bib abs

'BIB' IS NOT A VALID FORMAT

'ABS' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):file default

'FILE' IS NOT A VALID FORMAT

'DEFAULT' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):filedefault

L17 ANSWER 1 OF 4 GENBANK.RTM. COPYRIGHT 2003

LOCUS (LOC): NMA1Z2491 GenBank (R)
GenBank ACC. NO. (GBN): AL162752 AL157959
GenBank VERSION (VER): AL162752.2 GI:7378778
CAS REGISTRY NO. (RN): 260862-08-6
SEQUENCE LENGTH (SQL): 340806
MOLECULE TYPE (CI): DNA; linear
DIVISION CODE (CI): Bacteria
DATE (DATE): 2 Sep 2002
DEFINITION (DEF): Neisseria meningitidis serogroup A strain Z2491
complete genome; segment 1/7.
SOURCE: Neisseria meningitidis Z2491.
ORGANISM (ORGN): Neisseria meningitidis Z2491
Bacteria; Proteobacteria; Betaproteobacteria;
Neisseriales; Neisseriaceae; Neisseria
NUCLEIC ACID COUNT (NA): 83493 a 89960 c 84419 g 82934 t
COMMENT:

Notes:

Details of N. meningitidis sequencing at the Sanger Centre are available on the World Wide Web.

(URL, http://www.sanger.ac.uk/Projects/N_meningitidis/).

REFERENCE: 1 (bases 1 to 340806)
 AUTHOR (AU): Parkhill,J.; Achtman,M.; James,K.D.; Bentley,S.D.;
 Churcher,C.; Klee,S.R.; Morelli,G.; Basham,D.;
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 Devlin,K.; Feltwell,T.; Hamlin,N.; Holroyd,S.;
 Jagels,K.; Leather,S.; Moule,S.; Mungall,K.;
 Quail,M.A.; Rajandream,M.A.; Rutherford,K.M.;
 Simmonds,M.; Skelton,J.; Whitehead,S.; Spratt,B.G.;
 Barrell,B.G.
 TITLE (TI): Complete DNA sequence of a serogroup A strain of
 Neisseria meningitidis Z2491
 JOURNAL (SO): Nature, 404 (6777), 502-506 (2000)
 OTHER SOURCE (OS): CA 132:261300
 REFERENCE: 2 (bases 1 to 340806)
 AUTHOR (AU): Parkhill,J.
 TITLE (TI): Direct Submission
 JOURNAL (SO): Submitted (30-MAR-2000) Submitted on behalf of the
 Neisseria sequencing team, Sanger Centre, Wellcome
 Trust Genome Campus, Hinxton, Cambridge CB10 1SA
 E-mail: parkhill@sanger.ac.uk

=> d ti 1-

YOU HAVE REQUESTED DATA FROM 4 ANSWERS - CONTINUE? Y/(N):y

L17 ANSWER 1 OF 4 GENBANK.RTM. COPYRIGHT 2003

TITLE (TI): Complete DNA sequence of a serogroup A strain of
 Neisseria meningitidis Z2491
 TITLE (TI): Direct Submission

L17 ANSWER 2 OF 4 GENBANK.RTM. COPYRIGHT 2003

TITLE (TI): The genome sequence of the food-borne pathogen
 Campylobacter jejuni reveals hypervariable sequences
 TITLE (TI): Direct Submission

L17 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS

TI Use of 3-isoxazolidinones and hydroxylamine acids for the treatment of
 infections

L17 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2003 ACS

TI A 1-deoxy-D-xylulose 5-
phosphate reductoisomerase catalyzing the formation of
 2-C-methyl-D-erythritol 4-phosphate in an alternative nonmevalonate
 pathway for terpenoid biosynthesis

=> d bib abs 3-4

L17 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS

AN 2000:493271 CAPLUS

DN 133:115086

TI Use of 3-isoxazolidinones and hydroxylamine acids for the treatment of
 infections

IN Jomaa, Hassan

PA Germany

SO PCT Int. Appl., 27 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000041473	A2	20000720	WO 2000-EP165	20000112 <--

WO 2000041473 A3 20011129

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

DE 19903666 A1 20000803 DE 1999-19903666 19990130 <--

CA 2360366 AA 20000720 CA 2000-2360366 20000112 <--

EP 1143941 A2 20011017 EP 2000-902582 20000112

EP 1143941 A3 20020206

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

BR 2000007491 A 20011120 BR 2000-7491 20000112

JP 2002534440 T2 20021015 JP 2000-593097 20000112

NO 2001003464 A 20010912 NO 2001-3464 20010712

PRAI DE 1999-19900907 A 19990113

DE 1999-19903666 A 19990130

WO 2000-EP165 W 20000112

OS MARPAT 133:115086

AB The invention provides medicaments contg. at least one of the title compds., as well as their use for the therapeutic and prophylactic treatment of bacterial, fungal and parasitic infections in humans and animals.

L17 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2003 ACS

AN 1998:550872 CAPLUS

DN 129:287591

TI A 1-deoxy-D-xylulose 5-

phosphate reductoisomerase catalyzing the formation of 2-C-methyl-D-erythritol 4-phosphate in an alternative nonmevalonate pathway for terpenoid biosynthesis

AU Takahashi, Shunji; Kuzuyama, Tomohisa; Watanabe, Hiroyuki; Seto, Haruo
CS Institute of Molecular and Cellular Biosciences, University of Tokyo, Tokyo, 113-0032, Japan

SO Proceedings of the National Academy of Sciences of the United States of America (1998), 95(17), 9879-9884
CODEN: PNASA6; ISSN: 0027-8424

PB National Academy of Sciences

DT Journal

LA English

AB Several eubacteria including *Escherichia coli* use an alternative nonmevalonate pathway for the biosynthesis of isopentenyl diphosphate instead of the ubiquitous mevalonate pathway. In the alternative pathway, 2-C-methyl-D-erythritol or its 4-phosphate, which is proposed to be formed from 1-deoxy-D-xylulose 5-phosphate via intramol. rearrangement followed by redn. process, is one of the biosynthetic precursors of isopentenyl diphosphate. To clone the gene(s) responsible for synthesis of 2-C-methyl-D-erythritol 4-phosphate, we prepd. and selected *E. coli* mutants with an obligatory requirement for 2-C-methylerythritol for growth and survival. All the DNA fragments that complemented the defect in synthesizing 2-C-methyl-D-erythritol 4-phosphate of these mutants contained the *yaem* gene, which is located at 4.2 min on the chromosomal map of *E. coli*. The gene product showed significant homologies to hypothetical proteins with unknown functions present in *Haemophilus influenzae*, *Synechocystis* sp. PCC6803, *Mycobacterium tuberculosis*, *Helicobacter pylori*, and *Bacillus subtilis*. The purified recombinant *yaem* gene product was overexpressed in *E. coli* and found to catalyze the formation of 2-C-methyl-D-erythritol 4-phosphate from 1-deoxy-D-xylulose 5-phosphate in the presence of NADPH. Replacement of NADPH with NADH decreased the reaction rate to about 1% of the original rate. The enzyme required Mn^{2+} , Co^{2+} , or Mg^{2+} as well. These data

clearly show that the yaeM gene encodes an enzyme, designated 1-deoxy-D-xylulose 5-phosphate reductoisomerase, that synthesizes 2-C-methyl-D-erythritol 4-phosphate from 1-deoxy-D-xylulose 5-phosphate, in a single step by intramol. rearrangement and redn. and that this gene is responsible for terpenoid biosynthesis in E. coli.

RE.CNT 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

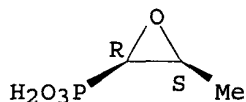
=> log y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	148.61	398.03
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.30	-1.30

STN INTERNATIONAL LOGOFF AT 14:29:51 ON 29 APR 2003

RN 23155-02-4 REGISTRY
 CN Phosphonic acid, [(2R,3S)-3-methyloxiranyl]- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Phosphonic acid, (1,2-epoxypropyl)-, (1R,2S)-(-)- (8CI)
 CN Phosphonic acid, (3-methyloxiranyl)-, (2R-cis)-
 OTHER NAMES:
 CN (-)-(1R,2S)-(1,2-Epoxypropyl)phosphonic acid
 CN (-)-(cis-1,2-Epoxypropyl)phosphonic acid
 CN (2R-cis)-(3-Methyloxiranyl)phosphonic acid
 CN Antibiotic 833A
 CN Fosfocina
 CN Fosfomicin
 CN **Fosfomycin**
 CN Fosfonomycin
 CN MK 0955
 CN Phosphomycin
 CN Phosphonomycin
 FS STEREOSEARCH
 MF C3 H7 O4 P
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNB, CHEMCATS,
 CHEMLIST, CIN, CSCHEM, DDFU, DIOGENES, DRUGNL, DRUGPAT, DRUGU,
 DRUGUPDATES, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*,
 NAPRALERT, PHAR, PHARMASEARCH, PROMT, RTECS*, TOXCENTER, USAN, USPAT2,
 USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry. Rotation (-).

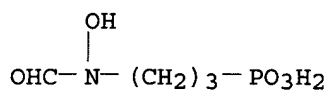


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1136 REFERENCES IN FILE CA (1962 TO DATE)
 23 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1137 REFERENCES IN FILE CAPLUS (1962 TO DATE)

129

RN 66508-37-0 REGISTRY
 CN Phosphonic acid, [3-(formylhydroxyamino)propyl]-, monosodium salt (9CI)
 (CA INDEX NAME)
 OTHER NAMES:
 CN Antibiotic FR 31564
 CN **Fosmidomycin**
 CN FR 31564
 MF C4 H10 N O5 P . Na
 CI COM
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, BEILSTEIN*, BIOBUSINESS,
 BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CEN, CIN, CSCHM, EMBASE,
 IFICDB, IFIPAT, IFIUDB, IPA, PHAR, PROMT, RTECS*, SYNTHLINE, TOXCENTER,
 USPATFULL
 (*File contains numerically searchable property data)
 CRN (66508-53-0)



● Na

79 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 79 REFERENCES IN FILE CAPLUS (1962 TO DATE)

1185